AMENDMENTS TO THE SEQUENCE LISTING

IN THE SEQUENCE LISTING

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

Application No. 10/642,284

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2006-05-08 4600-0106P.ST25.txt", is identical to the paper copy, except that it lacks formatting.

The Sequence Listing is amended to add a brief description for each "n" residue as requested by the Raw Sequence Listing Error Report. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

JUN 0 1 2006

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

GMM/TJS 4600-0106P

Attachments:

P.O. Box 747

Falls Church, VA 22040-0747

(703) 205-8000

Disk Copy of Sequence Listing Paper Copy of Sequence Listing Copy of Notice to Comply